This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A CAD/CAM software control method comprising:

   forming a two dimensional view of a three-dimensional computer defined graphical model;

   based on the three-dimensional model, automatically generating a drawing data item descriptive information associated with a displayed component of the two dimensional view;

   forming a user interface for controlling the addition of the drawing data item descriptive information to the two dimensional view;

   adding the drawing data item descriptive information to the two dimensional view responsive to activation of a user interactive device comprising the interactive user input data entered at the user interface to select a first subset of the automatically generated descriptive information that is to be added to the two dimensional view,

   and wherein the descriptive information added to the two dimensional view is configured for display in the two dimensional view.

2. (currently amended) The CAD/CAM software control method of claim 1 wherein the drawing data item descriptive information is a dimension or a constraint.

3. (currently amended) The CAD/CAM software control method of claim 1 wherein the a drawing data item descriptive information is added to the two dimensional view semi-automatically responsive to the expiration of a predetermined time-out period and in the absence of an intervening user action.

4. (currently amended) The CAD/CAM software control method of claim 3 wherein the intervening action comprises activation of a pause button.

5. (currently amended) The CAD/CAM software control method of claim 1 additionally comprising the step of modifying the ~~drawing data item~~ descriptive information.

6. (currently amended) The CAD/CAM software control method of claim 1 ~~additionally comprising the step of~~ further comprising ~~deleting~~ tracking interactive user input data indicating that a second subset of the descriptive information is not to be added to the two dimensional view and, during a subsequent generation of the two dimensional view, automatically determining that the second subset of descriptive information should ~~the drawing data item such that the item will~~ not appear in ~~subsequent~~ the generated two-dimensional view~~s of the computer defined model~~.

7. (currently amended) The CAD/CAM software control method of claim 1 additionally comprising the step of stopping the generation of ~~drawing data items~~ descriptive information and forming an additional two dimensional view.

8. (currently amended) The CAD/CAM software control method of claim 7 wherein a modification of ~~a drawing data item~~ the descriptive information is reproduced in a subsequently formed two-dimensional view.

9. (currently amended) The CAD/CAM software control method of claim 1 additionally comprising selecting between an automatic or semi-automatic mode of ~~drawing data~~ descriptive information generation, wherein selecting an automatic mode causes the software to branch and generate ~~drawing data~~ descriptive information without requiring the formation of a user interface for controlling the addition of a subsequent ~~drawing data~~ descriptive information item to the two dimensional view and adds the ~~drawing data~~ descriptive information item to the two dimensional view without requiring activation of a user interactive device.

10. (currently amended) The CAD/CAM software control method of claim 9 additionally comprising selecting between an automatic or semi-automatic mode of descriptive information generation, wherein ~~a~~ the semi-automatic mode comprises a time-out period

during which a user can activate a user interactive device causing the ~~drawing data~~descriptive information generation process to be paused.

11. (currently amended) The CAD/CAM software control method of claim 10 additionally comprising the step of modifying ~~drawing data~~descriptive information while the generation process is paused.

12. (currently amended) The CAD/CAM software control method of claim 10 additionally comprising the step of automatically generating additional descriptive information~~drawing data~~ following modification of the descriptive information~~drawing data~~.

13. (currently amended) The CAD/CAM software control method of claim 1 additionally comprising the step of filtering particular descriptive information~~drawing data~~ from the two dimensional view.

14. (currently amended) The CAD/CAM software control method of claim 1 additionally comprising the step of filtering particular two-dimensional views from being formed.

15. (currently amended) A computer system for controlling generation of descriptive information~~drawing data~~ relating to a two dimensional view of a three dimensional computer defined model, the system comprising:

a processor operatively interconnected to a memory, said memory comprising stored instructions to configure the processor to form the two dimensional view of the three dimensional model and to automatically generate descriptive information associated with the two dimensional view based on the three-dimensional model;

a user input device;

a display; and

a graphical user interface comprising user interactive devices wherein the system is responsive to activation of the user interactive devices ~~by causing~~to effect a semi-

automatic mode of transfer of <u>a subset of the descriptive information, and wherein the system is configured to identify the subset based on data interactively received at the graphical user interface.</u>~~drawing data associated with the two dimensional view.~~

16. (currently amended) The computer system of claim 15 wherein the <u>descriptive information</u>~~drawing data~~ comprises a dimension <u>or a constraint</u>.

17. (currently amended) The computer system of claim 15 wherein the <u>descriptive information</u>~~drawing data~~ is added to the two dimensional view semi-automatically responsive to the expiration of a predetermined time-out period without an intervening user action.

18. (currently amended) A computer program residing on a computer-readable medium, the program comprising instructions for causing a computer to:

form a two dimensional view of a <u>three dimensional</u> computer defined graphical model;

<u>based on the three-dimensional model, automatically generating descriptive information</u> ~~generate a drawing data item~~ associated with a component of the two dimensional view;

form a user interface for <u>interactively</u> controlling the addition of the ~~drawing data item~~ <u>descriptive information</u> to the two dimensional view;

add ~~the drawing data item~~ <u>a selected subset of the descriptive information</u> to the two dimensional view<u>, the program being configured to select the subset based on user input data interactively entered at the user interface</u>~~responsive to activation of a user interactive device comprising the user interface~~<u>; and</u>

<u>configure the added subset of descriptive information for display as graphical elements of the two dimensional view.</u>

19. (currently amended) A method of interacting with a ~~computer~~ CAD/CAM systems ~~so as~~ to add descriptive information ~~drawing data~~ to a two dimensional view of a three dimensional model ~~an object~~, the method comprising:

   launching an application which includes a command to add descriptive information ~~drawing data~~ in a semi-automatic mode;

   extracting descriptive information ~~drawing data~~ from a three dimensional model;

   automatically generating the ~~drawing data~~ descriptive information on the two dimensional view based on the three dimensional model; and

   interactively modifying the generated ~~drawing data~~ descriptive information based on input data received from a user;

   wherein the descriptive information generated on the two dimensional view is configured for display as graphical elements of the two dimensional view.

20. (currently amended) The method of claim 19 additionally comprising the step of storing the modified descriptive information ~~drawing data~~.

21. (currently amended) A method of interacting with a computer so as to add descriptive information ~~drawing data~~ to a two dimensional view of ~~an object~~ a three dimensional model, the method comprising:

   launching an application which includes a command to add descriptive information ~~drawing data~~ in a semi-automatic mode;

   defining a timeout period;

   extracting descriptive information ~~drawing data~~ from ~~a~~ the three dimensional model;

   generating the descriptive information ~~drawing data~~ on the two dimensional view; and

   pausing the extraction of descriptive information ~~data~~ from the three dimensional model; and modifying the generated descriptive information;

wherein the descriptive information generated on the two dimensional view is configured for display as graphical elements of the two dimensional view.~~drawing data~~.

22. (currently amended) A programmed computer for adding <u>descriptive information</u>~~drawing data~~ to a two dimensional view of ~~an object~~<u>a three dimensional model</u> comprising:

a memory having at least one region for storing computer software code;

a processor operatively interconnected to the memory for executing software code stored in the memory, wherein the software code causes the computer to:

display a first user interactive interface for selecting specified <u>descriptive information</u>~~drawing data~~, a drawing and selected views of the drawing;

display a second user interactive interface for selecting between an automatic and semi-automatic mode of generating <u>descriptive information</u>~~drawing data~~;

display a third user interactive interface for selecting step-by-step processing or time-out processing of <u>descriptive information</u>~~drawing data~~;

generate <u>descriptive information</u>~~drawing data~~;

allow user modification of the <u>descriptive information</u>~~drawing data~~;

store modified <u>descriptive information</u>~~drawing data~~; and

add the <u>descriptive information</u>~~drawing data~~ to the two dimensional view<u>;</u>

<u>wherein the descriptive information added to the two dimensional view is configured for display as graphical elements of the two dimensional view.</u>

23. (currently amended) The programmed computer of claim 22 wherein the software code
additionally causes the computer to:

display a fourth user interactive interface with a user interactive device for entering a
time-out period; and

an interactive user device for pausing the generation of drawing data, whereby a user can
modify the <u>descriptive information</u>~~drawing data~~ during the pause.